

Datasheet for ABIN2622233
anti-Huntingtin antibody (AA 3106-3121)



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Overview

Quantity:	100 µg
Target:	Huntingtin (HTT)
Binding Specificity:	AA 3106-3121
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Huntingtin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence at the C-terminus of human Huntingtin(3106-3121aa ELDRRAFQSVLEVAA), different from the related mouse and rat sequences by two amino acids.
Isotype:	IgG
Specificity:	Expressed in the brain cortex (at protein level). Widely expressed with the highest level of expression in the brain (nerve fibers, varicosities, and nerve endings). In the brain, the regions where it can be mainly found are the cerebellar cortex, the neocortex, the striatum, and the hippocampal formation. .
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Purification:	Immunogen affinity purified

Target Details

Target:	Huntingtin (HTT)
Alternative Name:	HTT / Huntingtin (HTT Products)
Background:	Name/Gene ID: HTT Family: Hungtintin Synonyms: HTT, Huntingtin, Huntington disease protein, IT15, HD, HD protein
Gene ID:	3064
Pathways:	PI3K-Akt Signaling , Hormone Transport , Transition Metal Ion Homeostasis , Tube Formation , Protein targeting to Nucleus , Dicarboxylic Acid Transport

Application Details

Application Notes:	Approved: WB Usage: Applications and images are for the unconjugated form of this antibody. The conjugated antibody has not been tested.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ , 0.05 mg Thimerosal, 0.05 mg sodium azide per 100 µg antibody.
Preservative:	Sodium azide, Thimerosal (Merthiolate)
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	At -20°C for 1 year. After reconstitution, at 4°C for 1 month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid freeze-thaw cycles.